

(FILE 'HOME' ENTERED AT 10:35:46 ON 06 JUN 2003)

FILE 'REGISTRY' ENTERED AT 10:36:02 ON 06 JUN 2003

L1 4 S DICYCLOPENTADIEN!# AND DIGLYCIDYL(W)ETHER
L2 28 S DICYCLOPENTADIENE AND PHENOL AND EPICHLOROHYDRIN
L3 90 S BIPHENYL AND (DIGLYCIDYL(W)ETHER)
L4 0 S TERPENE AND (DIGLYCIDYL(W)ETHER)
L5 0 S TERPENE AND EPICHLOROHYDRIN

FILE 'CAPLUS' ENTERED AT 10:40:50 ON 06 JUN 2003

L6 138 S (30420-32-7# OR 2461-46-3#)/RN
L7 7 S L6 AND ADHESIVE#

FILE 'REGISTRY' ENTERED AT 10:47:51 ON 06 JUN 2003

L8 304 S TERPENE
L9 14 S TERPENE AND EPOX!###

FILE 'CAPLUS' ENTERED AT 10:50:14 ON 06 JUN 2003

L10 312 S EPOX!?(3A)TERPENE#

AN 1963:403642 CAPLUS
 DN 59:3642
 OREF 59:665b-e
 TI Relative rates of epoxidation of some terpenic molecules
 AU Mousseron-Canet, Magdeleine; Mousseron, Max; Levallois, Christine
 CS Ecole Natl. Chim., Montpellier, Fr.
 SO Bulletin de la Societe Chimique de France (1963) 376-8
 CODEN: BSCFAS; ISSN: 0037-8968
 DT Journal
 LA Unavailable
 AB cf. CA 58, 2428e. A study of the relative rates of **epoxidation** of various **terpenes** showed that selective **epoxidation** of polyenes was possible. Epoxidation was effected with a slight excess of monoperphthalic acid (I) at 0.degree. in Et2O soln.; the amt. of unreacted I was detd. iodometrically at various time intervals. The relative rates were: citronellol, 1; linalool, 1.2; linalyl acetate, 0.8; geraniol, 1.4; geranyl acetate, 0.85; 2,6-dimethyl-7-octen-6-ol (II), 0.15; 2,6-dimethyl-6-acetoxy-7-octene (III), 0.15; 2,6-dimethyl-8-acetoxy-6-octene (IV), 0.15; myrcene, 0.8; nerolidol, 1.85. Citral (250 g.), 250 g. K2CO3, and 2.5 l. H2O refluxed 12 hrs. gave 130 g. 6-methyl-5-hepten-2-one, which was converted in 75% yield to the cyclic ketal (V) by heating 1 mole with 1.1 mole glycol in C6H6 with p-toluenesulfonic acid as catalyst. Hydrogenation of 78 g. V in petr. ether over Raney Ni under pressure at 100.degree. quant. gave the ketal of 6-methyl-2-heptanone, which on refluxing with dil. HCl gave 75% 6-methyl-2-heptanone (VI). VI (35 g.), 7 g. Mg, and a satd. soln. of vinyl chloride in anhyd. tetrahydrofuran gave 80% II, b15 90.degree.. PBr3 (8 g.) added at 0.degree. to a stirred mixt. of 12 g. II, 2 cc. pyridine, and 20 cc. anhyd. petr. ether gave 16 g. mixt. of bromides of II and of 2,6-dimethyl-8-bromo-6-octene, the mixt. refluxed 10 hrs. with 13 g. anhyd. NaOAc and 180 cc. HOAc gave a mixt. of III (b0.3 73.degree.) and IV (b12 120.degree.). The structures of many of the compds. synthesized were confirmed by infrared spectra.

AN 1963:67080 CAPLUS

DN 58:67080

OREF 58:11525a-c

TI Epoxy resins from unsaturated compounds; synthesis and properties. II

AU Brojer, Zbigniew; Penczek, Piotr; Penczek, Stanislaw

CS Inst. Synthetic Plastics, Warsaw

SO Przemysl Chemiczny (1962), 41, 684-7

CODEN: PRCHAB; ISSN: 0033-2496

DT Journal

LA Unavailable

AB cf. CA 58, 625c. Methods of synthesis and applications of epoxy resins obtained from unsatd. compds. by the use of AcOOH as oxidant are discussed. New products of high resistance, such as dicyclopentadiene dioxide, solvent-free varnish resins of the type of Epoxide 201, as well as cold-hardened cast resins, and solvents, such as vinylcyclohexene dioxide (Epoxide 206), are described in detail. There are also

considered

olefin and **terpene** oxides, **epoxy** polybutadiene resins (Oxiron resins), as well as epoxidized vegetable oils, e.g. soybean oil, with special reference to industrial applications. The epoxidized esters of styrene and nonsatd. fatty acids appear to be of special value as stabilizers and softeners for poly(vinyl chloride) and other Cl-contg. polymers.

L Number	Hits	Search Text	DB	Time stamp
-	13	("6303219" "5659004" "5523137" "5340851" "5827908").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 14:51
-	2	jp-07268066-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 13:44
-	1	jp-07264595-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 09:30
-	2	jp-08264595-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 13:45
-	2	jp-06279739-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 13:45
-	2	jp-06338681-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 13:46
-	212995	(epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:23
-	629	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 14:01
-	1035	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 biphenyl	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 14:48
-	778902	adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 14:49
-	1337691	semiconductor or printed adj circuit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 14:49
-	1363689	semiconductor or printed adj circuit or microelectronic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:29
-	7	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicylcopentadiene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 14:50
-	123821	thermoplastic adj resin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 14:51

-	369616	thermoplastic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 09:52
-	369820	thermoplastic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:29
-	485719	tape	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:29
-	217358	tab	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:29
-	29560	thermoplastic and tape	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:29
-	1364513	semiconductor or printed adj circuit or microelectronic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:30
-	779454	adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:30
-	17986	(thermoplastic and tape) and adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:30
-	213150	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:31
-	631	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:33
-	1036	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 biphenyl	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:31
-	1237	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:32
-	306	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and thermoplastic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:32
-	215	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 biphenyl) and thermoplastic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:32

-	193	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene) and thermoplastic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:32
-	104	terpene near5 skeleton	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:33
-	334	biphenyl near5 skeleton	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:33
-	98	dicyclopentadiene near5 skeleton	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:34
-	4	((biphenyl near5 skeleton) and (((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene)) and thermoplastic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:35
-	4	((dicyclopentadiene near5 skeleton) and (((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene)) and thermoplastic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:35
-	4	((terpene near5 skeleton) and (((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene)) and thermoplastic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:35
-	4	(dicyclopentadiene near5 skeleton) and (((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:36
-	7	(biphenyl near5 skeleton) and (((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:36
-	22	(terpene near5 skeleton) and (((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 10:38
-	140	((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 biphenyl) and thermoplastic) and (semiconductor or printed adj circuit or microelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 11:21
-	38	((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene) and thermoplastic) and (semiconductor or printed adj circuit or microelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 13:16
-	72	((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and thermoplastic) and (semiconductor or printed adj circuit or microelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 11:20
-	6172	tape adj automated adj bonding	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 11:21

-	2	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene) and thermoplastic) and (tape adj automated adj bonding)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 11:21
-	4	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 biphenyl) and thermoplastic) and (tape adj automated adj bonding)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 14:29
-	38	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene) and thermoplastic) and (semiconductor or printed adj circuit or microelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 13:17
-	2	5679978.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 14:29
-	7	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and thermoplastic) and (tape adj automated adj bonding)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 14:39
-	7	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and thermoplastic) and (tape adj automated adj bonding)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/09 14:39
-	219832	(epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:24
-	382234	thermoplastic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:24
-	1050122	acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:27
-	126855	(cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:28
-	812569	adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:29
-	15621	dicyclopentadiene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:29
-	42297	biphenyl	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:30
-	19419	terpene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:30

-	1314	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:30
-	1126	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 biphenyl	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:30
-	675	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:30
-	1350051	thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:30
-	2644979	semiconductor or printed adj circuit or electronic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:32
-	176	(((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and (semiconductor or printed adj circuit or electronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:32
-	168	(((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 biphenyl) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and (semiconductor or printed adj circuit or electronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:32

-	99	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and "27"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:52
-	187	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:33
-	230	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 biphenyl) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:51
-	102404	((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:51
-	24708	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and (semiconductor or printed adj circuit or electronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 11:51

-	59	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 terpene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and (semiconductor or printed adj circuit or electronic) laminate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 12:00
-	257097		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 12:00
-	6258	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and (semiconductor or printed adj circuit or electronic)) and laminate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 12:00
-	417	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 13:18
-	116	(((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and tape	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 13:18

-	20	<p>((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and tape) and (tab or tape adj automated adj bonding)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2003/06/06 13:19
-	9	<p>((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and tape) and (tape adj automated adj bonding)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2003/06/06 13:21

-	0	((((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and tape) and (tab or tape adj automated adj bonding)) or ((((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and tape) and (tape adj automated adj bonding))) not ((((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and tape) and (tab or tape adj automated adj bonding))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 13:22
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-	11	<p> ((((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and tape) and (tab or tape adj automated adj bonding)) or ((((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and tape) and (tape adj automated adj bonding))) not ((((((epox?\$3 near (resin\$ or novola?)) or diepox?\$3 or polyepox?\$3 or diglycidyl\$ or polyglycidyl\$) near10 dicyclopentadiene) and adhesive and (thermoplastic or (acrylonitrile adj butadiene adj styrene or abs or acrylonitrile adj butadiene or styrene adj butadiene adj ethylene or sebs or polyvinyl adj butyral or polyamide or polyester or polyimide or polyamideimide or polyurethane) or ((cooh or acid or carboxy\$3) near5 ((acrylic or acrylate) near5 (resin or copolymer\$2 or rubber or polymer\$2 or oligomer\$2)) or polyacrylate))) and tape) and (tape adj automated adj bonding)) </p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/06 13:22
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